

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (New): A process for combating acarids in the storage of cereals, comprising placing the cereals in contact with a powder comprising more than 40% by weight of sodium bicarbonate.

Claim 12 (New): The process according to Claim 11, wherein the cereals are stored in a silo and the powder is projected onto the walls of the silo.

Claim 13 (New): The process according to Claim 11, wherein at least 90% of the granules that constitute the powder have a diameter of less than 500 μm .

Claim 14 (New): The process according to Claim 13, wherein the diameter is less than 100 μm .

Claim 15 (New): The process according to Claim 11, wherein the powder comprises at least 95% of sodium bicarbonate.

Claim 16 (New): The process according to Claim 11, wherein the powder is free of neurotoxic substances.

Claim 17 (New): The process according to Claim 11, wherein the powder has a combined acaricidal and insecticidal effect on the cereal.

Claim 18 (New): The process according to Claim 11, wherein the powder comprises at least 1% by weight of silica.

Claim 19 (New): The process according to Claim 18, wherein the silica is silica gel.

Claim 20 (New): The process according to Claim 11, wherein the powder has a combined acaricidal, fungicidal and insecticidal effect on the cereal.